THE URBAN DISTRICT COUNCIL OF WORSLEY.

ANNUAL REPORT

FOR 1897,

BY

ROBERT SAYERS, M.D.,

Medical Officer of Health,

AND

JAMES WILLCOCK,

Sanitary Inspector.

ISSUED BY THE URBAN DISTRICT COUNCIL OF WORSLEY,

February 1898.

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Annual Report

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

URBAN DISTRICT OF WORSLEY,

For the Year 1897.

TO THE CHAIRMAN AND MEMBERS OF THE WORSLEY URBAN DISTRICT COUNCIL.

GENTLEMEN,

I have the pleasure to lay before you my Third Annual Report of the Health and Sanitary condition of your district.

The area of the district is 5,584 acres; the estimated population at the middle of 1897, is 12,689; in 1871 it was 5,911.

The Births registered in the district amounted to 304 (152 males and 152 females), giving a birth rate of 23·96 per 1000 of the population compared with 24·3 for 1896. The average county rate is 29 per 1000.

The Deaths numbered 163 (1 less than the previous year). The death rate is 12·85 per 1000 of the population. The average for the previous five years is higher by 2·3 per 1000.

Table showing Population, Deaths, Death Rate, Zymotic Death Rate, and Rate of Lung Diseases, other than Phthisis, for the whole district and for each of the three divisions—Worsley, Walkden, and Boothstown—compared with 1896 :—

	Population 1891.	Estimated Population Middle of 1897.	Total Deaths 1896.	Total Deaths 1897.	Death Rate 1896.	Death Rate 1897.	Zymotic Rate excluding Diarrhœa.	Lung Diseases other than Phthisis.
Whole district.	11,036	12,689	164	163	13·2	12·85	1·4	2·8
Walkden	7,072	8,290	113	109	13·96	13·15	2·	2·7
Worsley	2,685	2,994	34	33	11·55	11	·3	2·3
Boothstown ...	1,279	1,405	17	21	12·28	14·9	Nil.	6·4

Table showing the ANNUAL DEATH RATES for the years 1891, 1892, 1893, 1894, 1895, 1896, and 1897, and the AVERAGE ANNUAL DEATH RATES for the five year periods—1871=1875, 1876=1880, 1881=1885, 1886=1890, and 1891=1895—from All Causes, the principal Infectious Diseases notified, Diarrhœa, Phthisis, and Lung Diseases.

	All Causes.	Principal Infectious Diseases Notified.	Diarrhœa.	Phthisis.	Lung Diseases exclusive of Phthisis.
1871-1875 ...	22·7	4·1	1·0	1·8	4·4
1876-1880 ...	21·5	3·9	·8	1·4	5·2
1881-1885 ...	17·7	1·7	·8	1·4	4·2
1886-1890 ...	17·4	1·2	·8	1·2	4·4
1891-1895 ...	16·7	1·7	·7	·8	3·6
1891 ...	21·2	3·3	·3	1·0	4·6
1892 ...	16·2	1·6	·3	·6	3·4
1893 ...	17·6	1·5	·1	1·3	4·1
1894 ...	12·0	·5	·3	·4	2·4
1895 ...	16·7	1·5	1·4	·8	3·4
1896 ...	13·2	1·2	·7	·8	2·4
1897 ...	12·85	1·4	·3	·7	2·8

Taken in districts Worsley, as in previous years, has the lowest rate, namely, 11·0 per 1000 ; Walkden comes next with 13·15, and Boothstown last with 14·9. In 1896 Boothstown was next to Worsley.

In Walkden 52% of total deaths is of children under 5 years of age; in Worsley and Boothstown only 33%. In Walkden 13% of total is of persons over 65; in Worsley 18%, and Boothstown 24%.

The Zymotic Death Rate for the whole district is 1·4. Walkden equals 2·0, and has accounted for nearly all the Zymotic Deaths. Boothstown was free, and Worsley's rate only 0·3. The rate is very little different from that of the previous two years; but this year it was chiefly due to Measles, whilst Typhoid was the chief cause previously.

Diarrhœa at 0·3 is a very low rate. The absence of a continuance of hot weather in the summer helped to bring this about.

Lung Diseases, other than Phthisis, at 2·8, is lower than the five year average (3·6).

Phthisis at 0·7 is a fraction better than last year, and also below the five year average.

Infant Mortality. 45 children under one year of age died during the year, being in the proportion of 138 in every 1000 born. This is considerably lower than the average for the county.

Measles became epidemic at Boothstown, and the schools there were closed from 19th July to 23rd August. It gradually spread and was seen next in Newearth Road, then Whittlebrook, and became general during October and November. No deaths resulted from it in Boothstown, but there were 12 in Walkden, and one in Worsley. There were no deaths in 1896.

Scarlet Fever was very little seen during the year, only nine cases being notified, all of a very mild type, and only one house had two cases. It was not confined to any particular part of the district. Ninety-seven cases were notified in the previous year.

Typhoid Fever. Ten cases notified compared with 19 the previous year, with three deaths, as compared with 7 deaths the previous year. One case was removed to the Farnworth Infectious Hospital, and the bedding destroyed by order of your officers. The case recovered.

Diptheria notified 6 times, all from Walkden, and one death. The previous year there were 10 notifications and two deaths.

Croup—notified twice, with one death.

The total notifications for 1895 were 139; for 1896, 113, and for 1897, 47.

The Slaughter houses and Bake houses have been visited and reported upon.

The Mills and Factories of the district I have inspected in company with the Sanitary Inspector, and several suggestions have been carried out by the owners.

The Isolation Hospital question has not reached anything definite, but Farnworth Joint Hospital has always been agreeable to take any cases we have wished to have removed.

I am, Gentlemen,

Yours truly,

R. SAYERS, M.D.

WALKDEN,

7th FEBRUARY, 1898.

TABLE A.

TABLE OF DEATHS during the Year 1897, in the Worsley Urban Sanitary District classified according to Diseases, Ages, and Localities.

Names of Localities.	Mortality from all Causes at subjoined Ages.								Mortality from subjoined Causes, Distinguishing Deaths of Children under Five Years of Age.																				
	At all Ages.	Under 1 Year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.		Small-pox. 1	Scarlatina. 2	Diphtheria. 3	Membranous Croup. 4	Fevers. Typhus. 5	Enteric or Typhoid. 6	Continued. 7	Relapsing. 8	Puerperal. 9	Cholera. 10	Erysipelas. 11	Measles. 12	Whooping Cough. 13	Diarrhœa and Dysentery. 14	Rheumatic Fever. 15	Influenza. 16	Phthisis. 17	Bronchitis, Pneumonia & Pleurisy. 18	Heart Disease 19	Injuries. 20	All other Diseases. 21	Total. 22
Walkden	109	31	26	3	3	32	14	Under 5				1								12		1				14		1	28	57
								5 upw'ds			1			3										1	6	8	7	3	23	52
Worsley	33	9	2	1	1	14	6	Under 5												1						1			9	11
								5 upw'ds																	1	6	4	2	9	22
Boothstown ...	21	5	2	2		7	5	Under 5														2				3			2	7
								5 upw'ds														1			2	4	1		6	14
Totals	163	45	30	6	4	53	25	Under 5				1								13		3				18		1	39	75
								5 upw'ds			1			3								1		1	9	18	12	5	38	88

TABLE B.

TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the Year 1897, in the Urban Sanitary District of Worsley; classified according to Diseases, Ages, and Localities.

Names of Localities.	Population at all Ages.		Registered Births.	Aged under 5 or over 5.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.											Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospital.										
	Census, 1891.	Estimated to middle of 1897.			Small-pox. 1	Scarlatina. 2	Diphtheria. 3	Membranous Croup. 4	Fevers. Typhus 5	Enteric or Typhoid. 6	Continued. 7	Relapsing. 8	Puerperal. 9	Cholera. 10	Erysipelas. 11	Small-pox. 1	Scarlatina. 2	Diphtheria. 3	Membranous Croup. 4	Fevers. Typhus. 5	Enteric or Typhoid. 6	Continued. 7	Relapsing. 8	Puerperal. 9	Cholera. 10	Erysipelas. 11
Walkden	7072	8290	304	Under 5	...	3	2		...		...	...		...	1	...	...	...	...	...		...	...	...	...	...
				5 upw'ds	...	1	4	1	...	7	...	...	1	...	13	...	...	...	...	...	1	...	...	...	...	...
Worsley	2685	2994		Under 5	...	1	...		...	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
				5 upw'ds	...	1																				
Boothstown	1279	1405		Under 5	...	1	...	1	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
				5 upw'ds		2									3											
Totals	11036	12689	304	Under 5	...	5	2		...		...	...		...	2	...	...	...	...	...	...	...	...	...	...	...
				5 upw'ds	...	4	4	2	...	10	...	...	1	...	18	...	...	...	...	...	1	...	...	...	...	...

Sanitary Inspector's Report

For 1897.

Sanitary Inspector's Annual Report.

INSPECTOR'S OFFICE,
HILTON LANE, WALKDEN,
February, 1898.

To the Chairman and Members of the Worsley Urban District Council.

GENTLEMEN,

I beg to lay before you my report of work done in the Sanitary Department during the year 1897.

TABLE No. 1.

No. of Houses visited and Sanitary particulars reported upon		121
,,	Notices served for the abatement of nuisances ...	15
,,	Notices by letter in lieu of formal notice	58
,,	Drains opened and cleansed	26
,,	Slopstone waste pipes repaired or renewed	14
,,	Ashpits built up, covered in, or repaired	49
,,	New closets and ashpits erected to old cottages ...	10
,,	Smoke nuisances	1
,,	Other nuisances dealt with	52
	Total nuisances abated	152

SCAVENGING.

The emptying of ashpits and removal of nightsoil and house refuse has received very careful attention during the year.

New contracts have been entered into at a reduced cost.

	No. of Houses.	Population.	Amount.
Walkden (Sec. 1)	1513	7565	£160 0 0
,, ,, 2	501	2505	76 0 0
Boothstown	305	1525	50 0 0
Worsley Village	185	925	42 0 0
	2504	12520	£328 0 0

Although the number of houses in the Walkden Sections has considerably increased during the past few years the total amount of these contracts has decreased. This is mainly due to the great improvement in the construction of the ashpits. It is probable that when the Sanitary Committee consider the next contracts, arrangements will be made for the ashpits in the

centre of the district, to be emptied during the night, or in the early morning, during the summer months.

In reviewing the large number of houses erected in the district during the past 3 years, it is to be regretted that the combined privy and ashpit system should have been preferred to some kind of outdoor water closet.

The more general adoption of Water Closets should be encouraged in the erection of new buildings. The retention of fæcal matter in close proximity to dwellings is objectionable at all times, and the cost of emptying the privy and ashpits is double to that of dry ashpits. This is evident by the speedy manner in which the district is scavenged in the neighbourhood of Memorial Road and Longley Road, where some 25 slopwater closets are in use.

Water Supply.

The district is supplied from the Bolton and Manchester waterworks. The Council have still a deficiency of guarantee to pay for the following mains :—

Ashtonfield Street, Walkden.
Moss Lane, Boothstown.

One cottage at Mesne Lea, Worsley, has been supplied with Manchester water, for the first time during the year.

Slaughter Houses.

Ten Licenses were renewed during the year, as against 13 during the preceding year. These premises are maintained in good condition.

In one Slaughter house, the floor was found defective. The owner was communicated with, and the defect was remedied.

Dairies and Cowsheds.

The number of Dairies and Cowsheds in the district is 35. New regulations have been formed by the Council, and are awaiting the sanction of the Local Government Board. The drainage of one Cowshed was re-arranged during the year.

Canal Boats' Acts 1877-1884.

Inspections of Canal Boats have been made on the Worsley and Boothstown coal tips.

Table No. 2 gives the number of Boats inspected, the registration district to which they belong, and the number of persons occupying the Boats.

TABLE No. II.

Registration Authority.	No. of Times Inspected.			Total.		No. of Occupiers of Boats.			
	Once.	Twice.	Thrice.	Boats.	Inspections.	Males.	Females.	Children.	Total.
Manchester	21	6	1	28	36	40	8	2	50
Runcorn ...	37	...	...	37	37	39	23	41	103
Leigh	1	1	...	2	3	4	1	1	6
Winsford ...	1	...	...	1	1	2	...	...	2
Total ...	60	7	1	68	77	85	32	44	161

The number of children occupying the Boats was 44—25 of whom were of school age, and 19 under 5 years. This number is similar in proportion to the previous year.

Infringements of the Acts and Regulations have been dealt with as follows :—

4. Renewal of paint to interior of cabins.
2. Absence of certificate of registration.
2. Dirty cabins.
1. Leaky cabin.

Complaint notes have been served on the owners and complied with ; no legal proceedings being necessary.

Enquiries have been made as to the health of the occupiers, but no cases of sickness or infectious cases have been met with.

The Boats compare favourably with those inspected during 1896.

Infectious Diseases Notification Act, 1889.

The number of cases reported by medical attendants during the year was 48 in 47 houses, as against 112 cases in 98 houses in the preceding year.

Table No. 3 gives the number of houses in which the various diseases occurred, and Table 4 gives the number of houses reported in each month of the year.

One case of Typhoid Fever was removed to Hospital, and bedding destroyed, compensation being paid for same.

Twenty-one houses were disinfected and two lots of bedding removed to the disinfecting station.

TABLE III.

No. of Houses reported as Infected.

Nature of Disease.	Walkden.	Boothstown.	Lower Worsley.	Roe Green & Hazlehurst.	Total.
Scarlet Fever	4	3	...	1	8
Diphtheria ...	6	...	...	...	6
Croup	1	1	...	...	2
Typhoid ...	6	1	3	...	10
Erysipelas ...	14	4	...	2	20
Puerperal Fever	...	1	...	...	1
Total ...	31	10	3	3	47

TABLE IV.

No. of Houses reported each month.

Nature of Disease.	January	February	March	April	May	June	July	August	Sept'mb'r	October	November	December	Total.
Scarlet Fever...	1	1	1	1	1	...	...	...	1	...	1	1	8
Diphtheria ...	3	...	...	...	1	...	...	...	...	...	...	2	6
Croup	...	1	...	...	...	...	...	1	...	...	...	...	2
Typhoid	1	...	...	1	...	1	...	2	1	2	1	1	10
Erysipelas ...	1	2	...	2	3	2	1	4	1	2	1	1	20
Puerperal Fever	...	...	...	...	...	...	...	...	...	1	...	...	1
Total ...	6	4	1	4	5	3	1	7	3	5	3	5	47

Hackney Carriages.

An application for a license for one cab to stand at Broad Oak, Worsley, was granted to Mr. George Critchley.

Public Lighting.

The following improvements in Public Lighting have been carried out during the year :—one lamp pillar erected at the entrance to Broad Oak Park, and one pillar opposite Edge Fold School.

Alterations have been necessary at Hodge Road, Walter Street, Hilton Lane, Worsley Road and Ellenbrook. An incandescent burner was fixed on large lamp at Worsley, and is giving satisfaction. Two similar burners were fixed on the large lamps near the Monument, but after a few nights trial, were taken off, as it was found that the heavy traffic on Manchester Road damaged the mantles.

The total number of lamps in the district is 424 ordinary, and 14 large Waddington lamps.

I am, gentlemen,

Your obedient servant,

JAMES WILLCOCK,

Assoc. San. Inst.